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PATENT ABSTRACTS OF JAPAN(21) Application number: **60084583**(51) Int'l. Cl.: **H01L 21/30 H01L 21/68**(22) Application date: **22.04.85**

(30) Priority:

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publication: **30.10.86**(84) Designated contracting
states:(71) Applicant: **CANON INC**(72) Inventor: **YAMADA YUICHI
OUTSUKA KAZUHITO**

(74) Representative: ..

**(54) CORRECTION OF
ORIGIN DEVIATION
BETWEEN STATIONARY
STAGE AND ROTARY
STAGE**

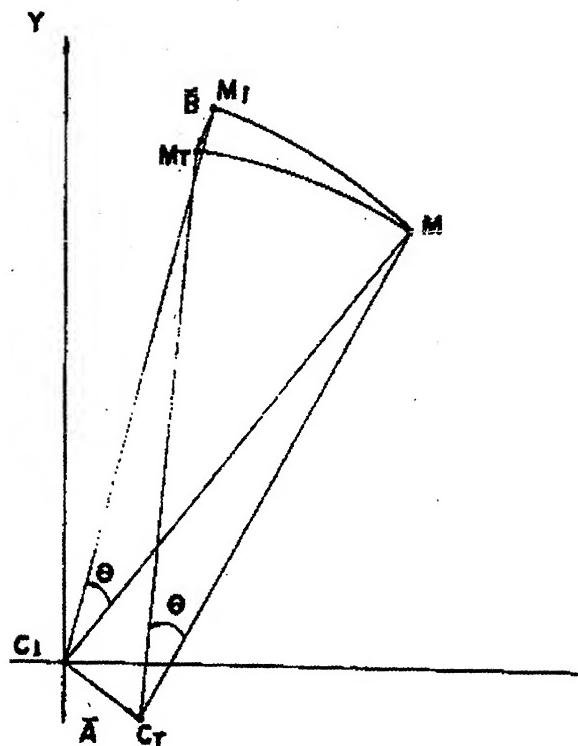
(57) Abstract:

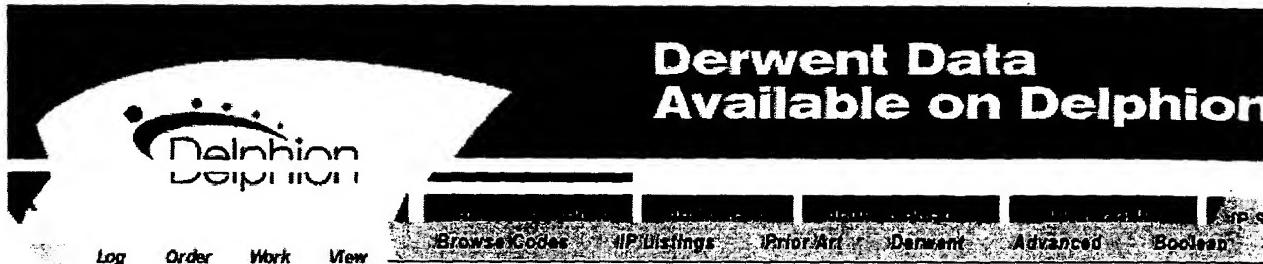
PURPOSE: To prevent a new deviation from occurring by correcting θ slip by a method wherein, when there is a deviation between the coordinate origin of rotary stage and the other coordinate origin of stationary stage, the deviation of origin is corrected.

CONSTITUTION: Assuming azimuth to be θ , a common point to a stationary stage and a rotary stage, the coordinate origin (rotary center) of rotary stage and the other coordinate origin of stationary stage are respectively specified to be M, Cr and C1. When there is a slip between the coordinate origin of two stages, a new vector B is drawn by θ rotation of the rotary stage. The vector B being measurable can be measured to

shift the coordinate origin C_1 of stationary stage by one vector A or to shift the coordinate origin C_r of rotary stage by one vector A for calculating the later deviation using the new data thus measured as a new coordinate so that a new deviation due to θ rotation may be prevented from occurring.

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Title: **JP61244027A2: CORRECTION OF ORIGIN DEVIATION BETWEEN STATIONARY STAGE AND ROTARY STAGE**

Country: JP Japan
Kind: A

Inventor(s): **YAMADA YUICHI
OUTSUKA KAZUHITO**

Applicant/Assignee:
CANON INC
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IPC Class: **H01L 21/30; H01L 21/68; G05B 19/18;**

Priority Number(s): **April 22, 1985 JP1985000084583**

Abstract:



Purpose: To prevent a new deviation from occurring by correcting θ slip by a method wherein, when there is a deviation between the coordinate origin of rotary stage and the other coordinate origin of stationary stage, the deviation of origin is corrected.

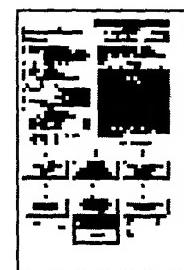
Constitution: Assuming azimuth to be θ , a common point to a stationary stage and a rotary stage, the coordinate origin (rotary center) of rotary stage and the other coordinate origin of stationary stage are respectively specified to be M, Cr and C1. When there is a slip between the coordinate origin of two stages, a new vector B is drawn by θ rotation of the rotary stage. The vector B being measurable can be measured to shift the coordinate origin C1 of stationary stage by one vector A or to shift the coordinate origin Cr of rotary stage by one vector A for calculating the later deviation using the new data thus measured as a new coordinate so that a new deviation due to θ rotation may be prevented from occurring.

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Other Abstract Info: DERABS C86-328519 DERC86-328519

Foreign References: No patents reference this one



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